

# ABSTRACT OF THE DISCLOSURE

To improve the reliability of an engagement and  
ejection mechanism of a drive device having an  
accommodating portion for accommodating therein a magnetic  
5 disk.

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A drive device with a cartridge engagement and  
ejection mechanism comprises: a cam having a sliding groove  
containing an engaging corner for locking a driving axis  
and an disengaging corner positioned adjacent to the  
10 engaging corner; a latching member having a latching  
portion to be engaged with a notch of a magnetic disk  
cartridge, and a driving shaft which slides within the  
sliding groove; and a resilient member for urging the  
latching member in the direction ejecting the magnetic disk  
15 cartridge, wherein the disengaging corner is selected to  
satisfy the relationship  $d \leq r \leq 3d$ , where "r" is a curvature  
of the disengaging corner and "d" is a radius of the  
driving shaft.